

GR 98 P 5898 (Foreign version)

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be allocated to a plurality of connections (V1,  
V2) existing in parallel for use at successive  
times,

having transmission means for transmitting a  
5 combination of data for a plurality of services (S) on  
a connection (V1) within one or more channels (DCH,  
DSCH) for data transmission

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Abstract

Method for transmitting data in a radio communication system

The invention is based on the idea of implicitly signaling used common channels using the data rate, and of permitting a plurality of combinations of channels (spread codes) as alternatives only for particular data rates for the individual services. This saves transmission capacity, because there is no need to reserve any individual bits within the TFCI parameter just for allocating the common channels to different connections. The invention is preferably applied in the downlink of the FDD mode of UMTS mobile radio systems.

Figure 7

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between the base station (BS) and the subscriber station (MS),

having signaling means for signaling

- a subsequently valid allocation of the common channel (DSCH) for a connection (V1) using a data rate (GR), allocated to the connection (V1), by means of in-band signaling in at least one channel (DCH, DSCH) of the data transmission,
- a relationship between the allocated data rate (VR) and the allocated common channel (DSCH) in a separate signaling channel (FACH).

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